

Beamz LF1500

BeamZ LF1500 Professional Heavy Fog Machine User Manual

Model: LF1500 (160.748)

1. INTRODUCTION

Thank you for purchasing the BeamZ LF1500 Professional Heavy Fog Machine. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your device. Please read this manual thoroughly before first use and keep it for future reference.

Product Overview

The BeamZ LF1500 is a professional heavy fog machine designed to produce ground-hugging fog effects without the need for dry ice. It utilizes advanced ultrasonic technology to create a dense, low-lying fog using standard fog fluid and water. Its robust flight case with wheels ensures easy transport and protection, making it ideal for various events and professional applications.



Figure 1: BeamZ LF1500 Heavy Fog Machine with its flexible fog output hose and nozzle.

2. SAFETY INSTRUCTIONS

Always observe the following safety precautions to prevent electric shock, fire, or injury:

- Ensure the unit is connected to a grounded power outlet (230Vac / 50Hz).
- Do not operate the machine if the power cord is damaged.
- Keep the machine away from flammable materials.
- Use only BeamZ approved fog fluid and demineralized water.
- Do not touch hot surfaces during or immediately after operation.
- Ensure adequate ventilation around the machine.
- Do not immerse the unit in water or other liquids.
- Keep out of reach of children.
- Disconnect from power before cleaning or servicing.

3. SETUP

1. **Unpacking:** Carefully remove the machine from its packaging. Inspect for any damage during transit.
2. **Placement:** Place the machine on a stable, level surface. Ensure there is sufficient space around the unit for ventilation.
3. **Fluid Filling:**
 - Open the fluid reservoir cap.
 - Fill the 5-liter reservoir with a mixture of BeamZ standard fog fluid and demineralized water. Refer to the fog fluid instructions for recommended ratios.
 - Securely close the reservoir cap.
4. **Hose Connection:** Attach the flexible fog output hose to the designated port on the machine. Ensure it is securely fastened

to prevent leaks.

5. **Power Connection:** Connect the power cable to a suitable 230Vac / 50Hz grounded power outlet.

4. OPERATING INSTRUCTIONS

Initial Power-On and Warm-up

Once connected to power, the machine will automatically begin its warm-up cycle. The warm-up time is approximately 8 minutes. The display will indicate when the machine is ready for operation.

Control Modes

The BeamZ LF1500 can be controlled via DMX or manually.

Manual Operation

Use the integrated digital display and control buttons to adjust settings directly on the unit. You can control:

- **Fog Output:** Adjust the intensity of the fog production.
- **Fan Speed:** Control the speed of the internal fan, which affects the spread and density of the fog.
- **Continuous Fog:** The machine supports continuous fog output once warmed up.

DMX Operation

For advanced control and integration into lighting setups, connect a DMX controller to the 3-pin XLR DMX input/output ports. The machine supports 1 or 2 DMX channels. Refer to the DMX chart below for channel assignments and values.

DMX Channel Chart

Channel	Function	Value Range	Description
1	Fog Output	0-255	0 = Off, 1-255 = Fog output intensity (0-100%)
2	Fan Speed	0-255	0 = Off, 1-255 = Fan speed (0-100%)

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your BeamZ LF1500.

- **Fluid Replacement:** Always use fresh, clean fog fluid and demineralized water. Do not mix different types of fluid.
- **Cleaning:**
 - Periodically clean the exterior of the machine with a soft, dry cloth.
 - Ensure the air vents are free from dust and debris to prevent overheating.
 - If the machine is stored for extended periods, it is recommended to run a cleaning solution (distilled water) through the system to prevent clogs.
- **Storage:** Store the machine in a cool, dry place. If storing for a long time, empty the fluid reservoir.

6. TROUBLESHOOTING

Troubleshooting Guide

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No fog output	Not warmed up Fluid reservoir empty Pump/nozzle clogged Power issue	Wait for warm-up indicator Refill fluid reservoir Perform cleaning cycle or contact service Check power connection and fuse
Weak fog output	Low fluid level Incorrect fluid type Partial clog Low fan speed setting	Refill fluid Use recommended BeamZ fluid Perform cleaning cycle Increase fan speed via manual or DMX control
Machine not powering on	No power to outlet Damaged power cable Internal fuse blown	Check power source Replace power cable Contact qualified technician for fuse replacement

If problems persist after attempting these solutions, please contact BeamZ customer support or a qualified service technician.

7. SPECIFICATIONS

Feature	Specification
Model Number	LF1500 (160.748)
Power Supply	230Vac / 50Hz
Warm-up Time	Approx. 8 minutes
Fluid Tank Capacity	5 Liters
Control Modes	DMX, Manual
DMX Channels	1 or 2
DMX Connection	3-pin XLR
Dimensions (L x W x H)	630 x 350 x 480 mm
Weight	25.6 kg
Technology	Ultrasonic (no dry ice required)
Continuous Output	Yes

8. WARRANTY AND SUPPORT

Information regarding warranty coverage and customer support for the BeamZ LF1500 is typically provided with your purchase documentation or can be found on the official BeamZ website. Please retain your proof of purchase for any warranty claims. For technical assistance, spare parts, or service inquiries, please contact your local BeamZ distributor or visit the official BeamZ website for contact information.

Official Brand Store: [BeamZ Amazon Store](#)

9. MEDIA RESOURCES

Below are relevant media resources for the BeamZ LF1500.

Product Images



The BeamZ LF1500 Professional Heavy Fog Machine, showcasing its compact design within a flight case and the flexible output hose for directing fog.







Official Product Videos




No official product videos from the seller were found in the provided data.



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Related Documents - LF1500

<div>  S1500 DMX MKII INSTRUCTION MANUAL GEBRUIKSAANWIJZING BEDRIJFINGSAANLEIDING MANUEL D'INSTRUCTIONS INSTRUKCJA OBSŁUGI V0.1</div>	<p>BeamZ S1500 DMX MKII Smoke Machine Instruction Manual</p> <p>Comprehensive instruction manual for the BeamZ S1500 DMX MKII smoke machine, covering installation, operation, DMX control, maintenance, and safety guidelines. Includes specifications and accessories.</p>
<div>  S1500 DMX MKII INSTRUCTION MANUAL GEBRUIKSAANWIJZING BEDRIJFINGSAANLEIDING MANUEL D'INSTRUCTIONS INSTRUKCJA OBSŁUGI V0.2</div>	<p>Beamz S1500 DMX MKII Smoke Machine Instruction Manual</p> <p>This manual provides comprehensive instructions for the Beamz S1500 DMX MKII smoke machine, covering safety precautions, installation, operation modes (timer, continuous, manual, DMX), maintenance, technical specifications, and available accessories.</p>
<div>  S1800 DMX INSTRUCTION MANUAL GEBRUIKSAANWIJZING BEDRIJFINGSAANLEIDING MANUEL D'INSTRUCTIONS V1.2</div>	<p>BeamZ S1800 DMX Smoke Machine Instruction Manual</p> <p>Comprehensive instruction manual for the BeamZ S1800 DMX smoke machine, covering safety, installation, operation, DMX control, maintenance, and technical specifications.</p>

	<p>BeamZ IGNITE300A User Manual - Professional LED Moving Head Light</p> <p>Detailed user manual for the BeamZ IGNITE300A professional LED moving head stage lighting fixture. Covers safety, setup, DMX control, gobo exchange, cleaning, maintenance, troubleshooting, control menu, DMX channels, and technical specifications.</p>
	<p>BeamZ Rage 1800 Snow Machine Instruction Manual</p> <p>Comprehensive user manual for the BeamZ Rage 1800 Snow machine (Model 160.727), covering setup, operation, safety precautions, maintenance, and technical specifications.</p>
	<p>Beamz BTF200CZ Fresnel Zoom User Manual</p> <p>User manual for the Beamz BTF200CZ Fresnel Zoom lighting fixture, covering safety instructions, setup, operation, DMX control, cleaning, troubleshooting, and technical specifications.</p>